

## Message from the Chair

Greetings!

On behalf of the Carbohydrate Division committee, I am pleased to welcome you to Chicago for the 2023 Cereals & Grains Associations' Annual Meeting. Carbohydrate division, comprised of over 100 members from academia, industry, professional organizations, and institutions, promotes the advancement of carbohydrate research and innovation and offers forum for students to present their carbohydrate research work. It is energizing to see the continuous interest of students in carbohydrate related research. This year we organized symposia on Recent Advances in Carbohydrate Ingredient Research for great conversation and interactions.

In the sponsors section, you will see Corn Refinery Association and number of companies who support our efforts. Our Carbohydrate division meeting will be held on Thursday, October 19<sup>th</sup> at 6:30 pm to 7:30 pm CDT.

Finally, I would like to take this opportunity to extend my gratitude to the Carbohydrate Division officers for their hard work and dedication.

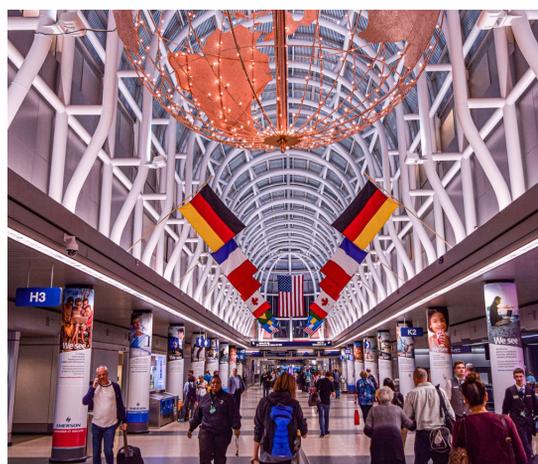
Thank you for your continued support of the Carbohydrate Division. I look forward to getting together in October.

Sincerely,

Varathan Vamadevan, PhD

Chair 2022-2023

## Cereals & Grains 23



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## Financial Report

Updated in September 2023

### ***FY22 Statement***

Balance Forward from 03/31/2023	\$34,485.41
Receipts	
Membership Dues (Apr-Aug)	\$390.00
Dividend Income (Apr-Jun)	\$141.09
Industry sponsorship*	\$6,000.00
<b>Total income</b>	<b>\$6,531.09</b>
Expenses	
Dues Processing Fees (Jan. – Sep.)	\$26.00
<b>Total Expense</b>	<b>(\$26.00)</b>
<b>Balance as of Sept 2023 (USD)</b>	<b>\$40,990.50</b>

Footnotes:

\*Generously sponsored by Ingredion, Corn Refiners Association, Cargill, and MGP

## 2023 Student Research Awards

This year the Carbohydrate Division is giving awards for the best student research presentations made at the 2023 Cereals and Grains Association annual meeting.

We thank all the sponsors for continued support for student research competitions organized by the Carbohydrate Division.



**Carbohydrate Division sponsored a technical session at this year's annual meeting:**

### **Recent advances in carbohydrate polymer research**

Carbohydrate polymers including starch and non-starch polysaccharides are the major components of cereals and grains. They are not only important for human nutrition but also have been processed into a range of ingredients for food applications. In recent years, there has been renewed interest in the applications of complex carbohydrate polymers in food processing and formulations in the frameworks of "Protecting Our Agronomic Future: From Field to Families", "Ingredient Innovation for Changing Markets", and "Clean Label Technology". This symposium will provide perspectives on how to address these challenges. A Q & A session will be followed for interactive discussion between the attendees and the speakers.

Program Chair: Fan Zhu

Moderator: Varatharajan Vamadevan, Avi Goldstein

## Division Officers

### **Officers 2022-2023**

Chair: Varatharajan Vamadevan, Cargill

Past Chair: Wajira Ratnayake, Ingredion

Chair-Elect: Yongfeng Ai, University of Saskatchewan

Division Program Chair: Fan Zhu, The University of Auckland

Secretary/Treasurer: Tanya Jeradechachai, MGP Ingredients

Student representative: Kashika Sethi, University of Saskatchewan

### **Officer Nominations**

All the Division members are included in the Nominating Committee. The nomination opportunity is now open till **November 7, 2023**. The nominee shall be professional or associate members of the Division, and a commitment to be continuously engaged with Division businesses is needed. It is a great opportunity to serve the Division and engage with Division members and CGA leadership. Self-nominations are welcome as well.

Please Contact the Chair, Varathan Vamadevan ([Varathan.Vamadevan@cargill.com](mailto:Varathan.Vamadevan@cargill.com)) for submitting nominations.

## Upcoming events:

- **Cereal and Grains 2023 symposia “Recent advances in carbohydrate polymer research”**  
Thursday October 19, 10:15 AM – 11:30 AM CDT  
Mahogany V-VII, Hyatt Regency Schaumburg
  
- **Carbohydrate division meeting**  
Thursday, October 19 6:30 PM – 7:30 PM CDT  
Copper/Maize/Sage, Hyatt Regency Schaumburg
  - Business and nominations
  - Student Research Award
  - Trivia with awards



## Member spotlight



Fan Zhu is a senior lecturer of Food Science at The University of Auckland, New Zealand. Zhu has had the responsibility of teaching a range of food science courses related to Food Grains, Food Chemistry, Food Analysis, and Food Processing for both undergraduate and graduate students. He has been doing research on the areas of food carbohydrate chemistry, grain science, antioxidants and functional foods, and water relations of foods. Zhu is author or co-author of over 180 peer-reviewed journal articles, and authored a book entitled “Quinoa: Chemistry and technology”. He has served as secretary/treasurer (2021 to 2022) and program chair (2022 to 2023) of the Carbohydrate Division of Cereals & Grains Association. Zhu was educated in China and received BSc in Food Science from Jiangnan University, MSc in Cereal Science from Wuhan Polytechnic University, PhD in Food Science from The University of Hong Kong. He was a post-doctoral fellow at University of Arkansas, USA and University of Guelph, Canada.